

S/N 10/803,743

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Daniel J. Kane	Examiner:	Unknown
Serial No.:	10/803,743	Group Art Unit:	2877
Filed:	March 16, 2004	Docket:	70047-41-UT
Title:	Optical Pulse Characterization for Telecommunications Applications		

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 13-4213 in order to have this Information Disclosure Statement considered.

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Serial No :10/803,743

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

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Date August 4, 2004

By   
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4th day of August, 2004.

Jeffrey D. Myers  
Name

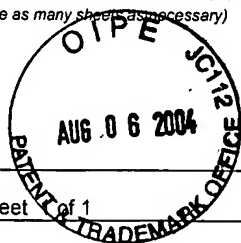
  
Signature

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number	10/803,743
Filing Date	March 16, 2004
First Named Inventor	Kane, Daniel
Group Art Unit	2877
Examiner Name	Unknown

Attorney Docket No: 70047-41-UT

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,754,292	05/19/1998	Daniel, J. K., et al.			10/26/1992
	US-6,219,142	04/17/2001	Daniel, J. K.			10/16/1998

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CHILLA, JUAN L., et al., "Direct Determination of the Amplitude and the Phase of Femtosecond Light Pulses", <u>Optics Letters</u> , Vol. 16, No. 1, (02/01/1991), 39-41	
		DORRER, CHRISTOPHE, et al., "Simultaneous Temporal Characterization of Telecommunication Optical Pulses and Modulators by Use of Spectrograms", <u>Optics Letters</u> , Vol. 27, No. 15, (08/01/2002), 1315-1317	
		KANE, DANIEL J., et al., "Real time Inversion of Polarization-Gate FROG Traces", <u>Ultrafast Optics</u> , Ascona, Switzerland, (1999),	
		KANE, DANIEL J., et al., "Real-Time Inversion of Polarization Gate Frequency-Resolved Optical Gating Spectrograms", <u>Applied Optics</u> , Vol. 42, No. 6, (02/20/2003), 1140-1144	
		KANE, DANIEL J., "Real-Time Measurement of Ultrashort Laser Pulses Using Principal Component Generalized Projections", <u>IEEE J. of Selected Topics in Quantum Electronics</u> , Vol. 4, No. 2, (Mar/Apr 1998), 278-284	
		KANE, DANIEL J., "Recent Progress Toward Real-Time Measurement of Ultrashort Laser Pulses", <u>IEEE J. of Quantum Electronics</u> , Vol. 35, No. 4, (April 1999), 421-431	
		KANE, DANIEL J., et al., "Simultaneous Measurement of Two Ultrashort Laser Pulses from a Single Spectrogram in a Single Shot", <u>J. Opt. Soc. Am. B</u> , Vol. 14, No. 4, (Apr 1997), 935-943	
		TREBINO, RICK, et al., "Measuring Ultrashort Laser Pulses in the Time-Frequency Domain Using Frequency-Resolved Optical Gating", <u>Rev. Sci. Instrum.</u> , Vol. 68, No. 9, (Sep 1997), 3277-3295	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached